

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: Construction Change
Order: Add Occupancy Sensors
DSMS

ITEM NO.: 8C

PREPARED BY: Rob Adams
Asst. Director
Planning & Construction

MEETING: April 12, 2006
ACTION DATE: April 12, 2006
INFORMATION ONLY:

Scott Horan
Executive Director
Planning & Construction

Andre' A. Nougaret,
Assistant Superintendent
for Support Services

ACTION REQUESTED BY THE SUPERINTENDENT: That the School Board approve the award of a construction change order in the amount of \$48,459.00 to SK Constructors of Annapolis Junction, Maryland for the installation of occupancy sensors at Dixon-Smith Middle School.

KEY POINTS:

1. Dixon-Smith construction project is a traditional design, bid, build procurement effort using the Moseley Architect, SCPS prototypical middle school design. The construction contract was awarded to SK Constructors of Annapolis Junction, Maryland for \$25.09M with contract substantial completion date of July 18, 2006.
2. Key Project Data:
 - Award cost: \$25.09M
 - Approved Change Orders: \$.07M
 - Current cost: \$25.16M
 - Cost Growth: .3%
 - Schedule Growth 4 Days
3. The implementation of occupancy sensors is a highly recommended long-term energy conservation measure that is one of the High Performance Building and Leadership in Energy and Environmental Design (LEED) standards.
4. The installation of occupancy sensors will yield an estimated annual "payback" of \$5.3K (9 year total cost recovery). The savings will increase and the total cost recovery period will shorten as electrical prices increase in the future.
5. Staff is currently planning to install occupancy sensors throughout existing school facilities as part of the school districts energy conservation program. Overview of this program will be presented at the April 25, 2006 School Board Meeting. Installing the occupancy sensors now as part of the facility construction vice waiting and retrofitting the facility after opening the school will be cheaper and less intrusive to school operations.

6. There are funds available in the project contingency fund to implement this change order.
7. If approved by the School Board staff plans to award the change order in April 2006.

SCHOOL BOARD GOAL: #5 – Provide facilities that promote student learning and community support.

#7 – Provide school environments where teachers are safe to teach and students are safe to learn

FUNDING SOURCE: VPSA – Dixon-Smith Middle School

AUTHORIZATION REFERENCE: Standard Form of Agreement Between Stafford County Public Schools and SK Constructors Dated March 16, 2005 (AIA Document A 101-1997);
February 2006
Stafford County School Board Policy 4-12
Stafford County School Board Policy 4-29